

## DETAILS

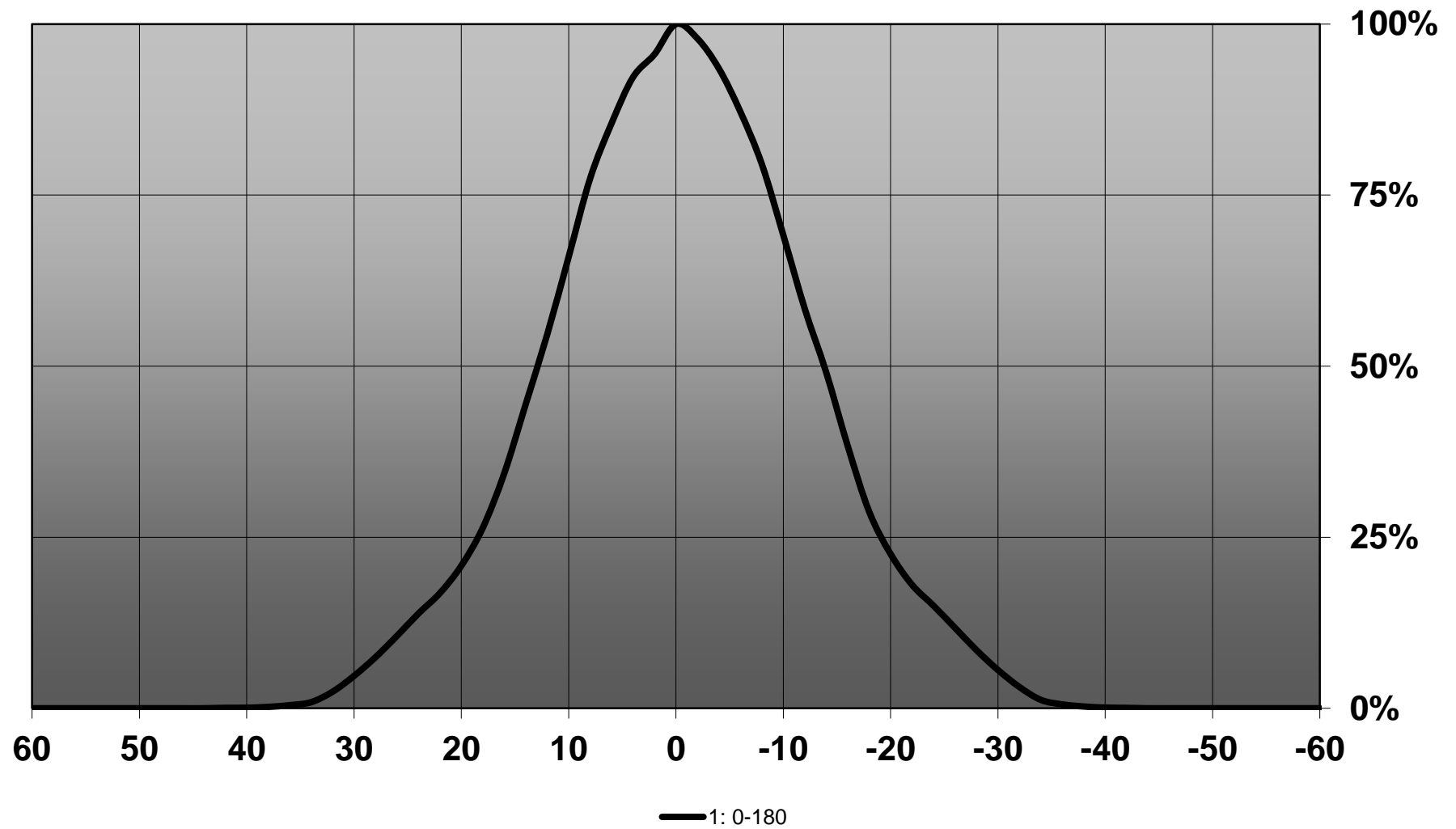
Product Number	CN12716_LENA-M
Family	Lena
Type	RefPack
Color	metal
Diameter	111 mm
Height	86,3 mm
Style	round
Optic Material	PC
Holder Material	PC
Fastening	screw
Status	production ready
ROHS Compliant	Yes
Date Updated	19/02/2015

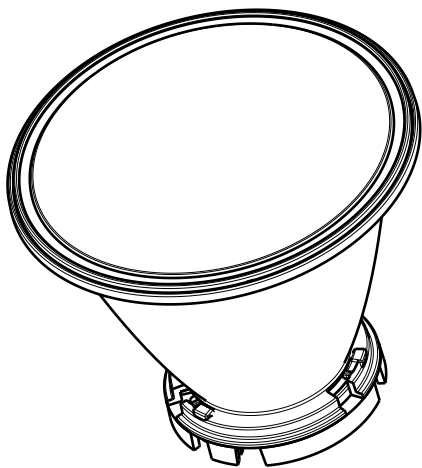
## OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Effi- ciency	cd/lm	Connector
CLU730	19 deg	Medium	80 %	5.200	-
CLL04x/CLU04x	26 deg	Medium	88 %	3.300	-
CXM-22	27 deg	Medium	84 %	3.500	LEDiL: LEDiL
LUXEON CoB 1216	27 deg	Medium	83 %	3.300	LEDiL: LEDiL

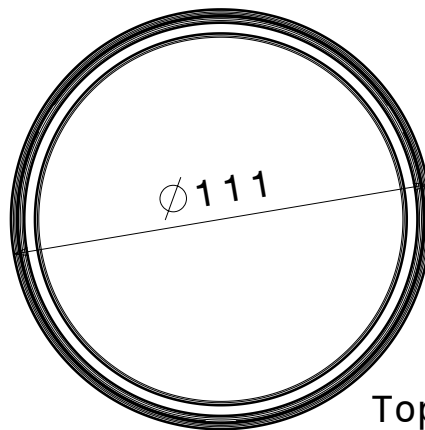


Relative intensity of CN12716\_LENA-M\_(CXM-22)

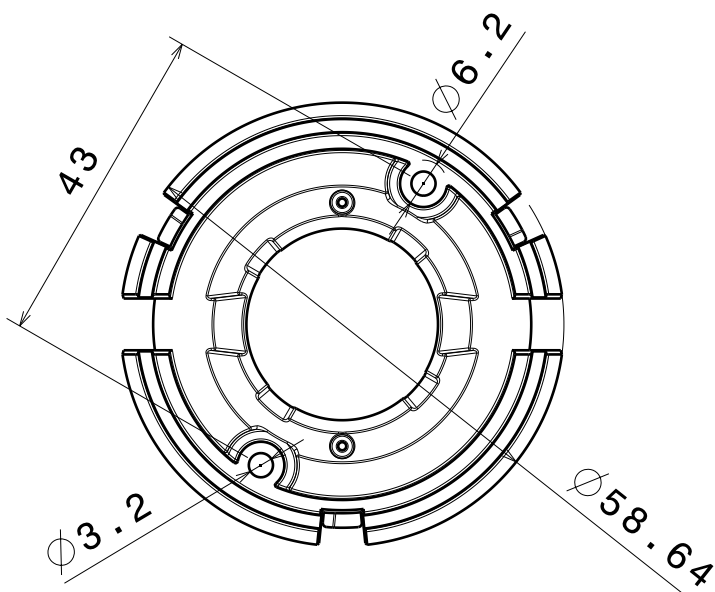




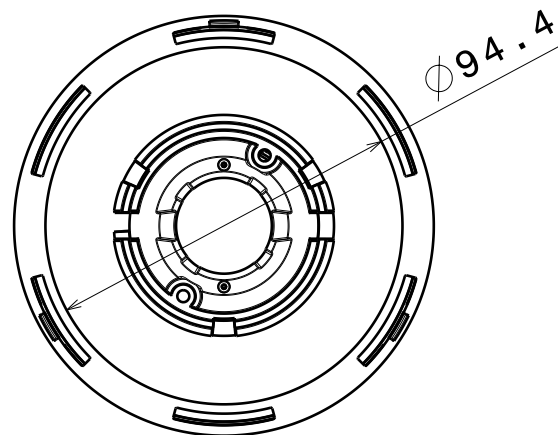
Isometric view



Top view



Base part  
Scale: 1:1



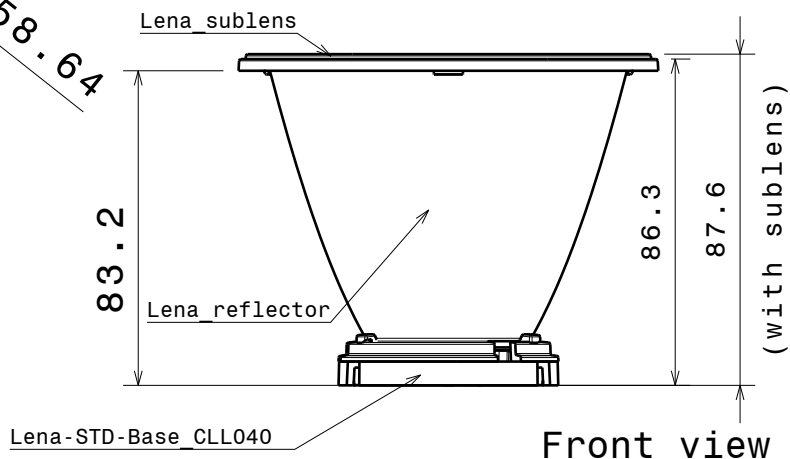
Bottom view

Material:

Sublens  
-PMMA

Reflector:  
-PC  
-Metal coating and clear lacquer

Holder base:  
-PC  
-Color: white



Front view

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Ledil Oy  
Salorankatu 10  
FIN 24240 SALO  
Finland

# DRAWING TITLE

Datasheet Lena-CLL040 series assy

DRAWN BY

as

DATE

10.04.2012

CHECKED BY

xx

DATE

xx.xx.2012

DESIGNED BY

xx

DATE

xx.xx.20xx

SIZE

A4

DRAWING NUMBER

REV

1

SCALE

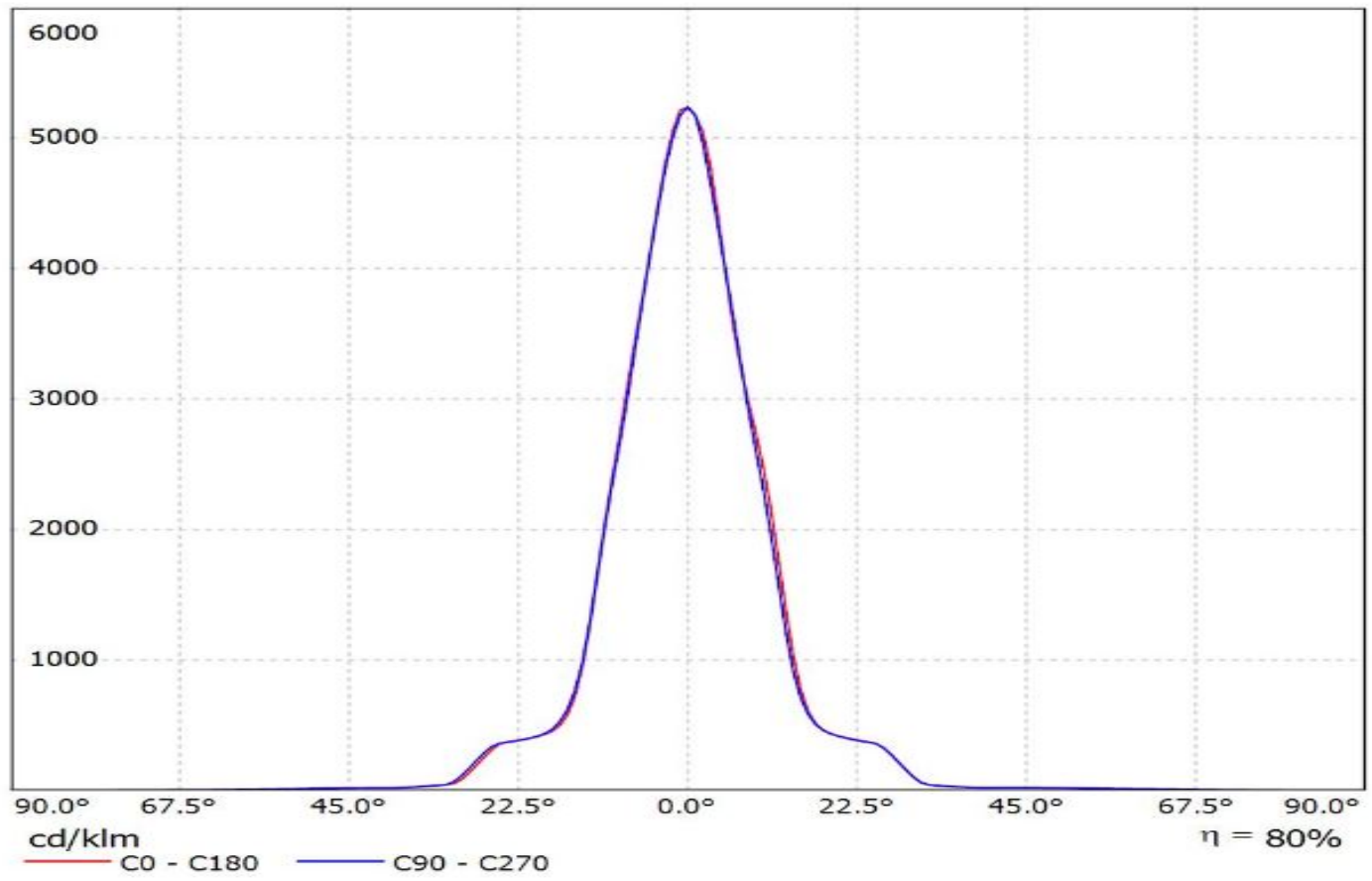
1:2

WEIGHT (g)

SHEET

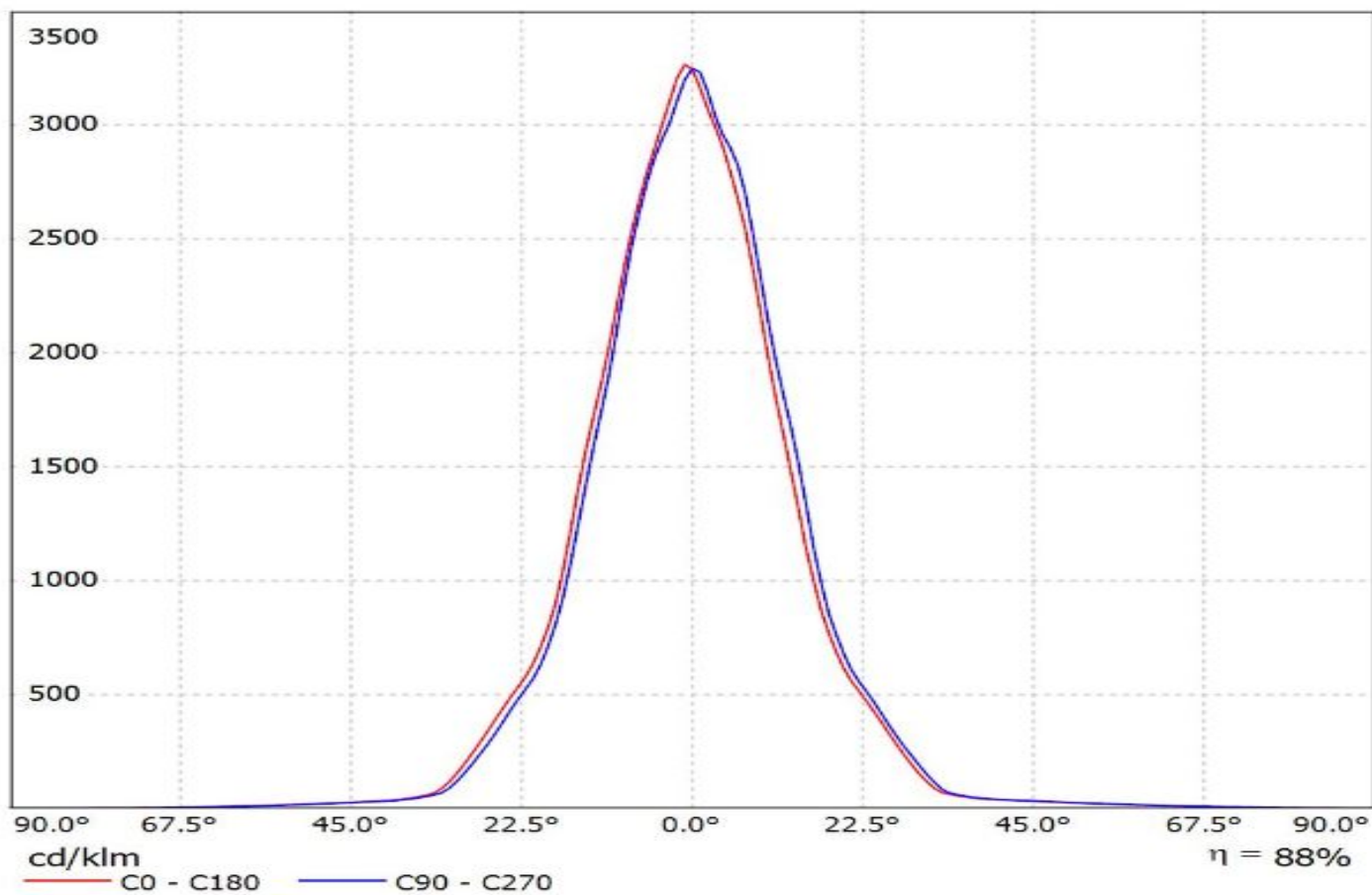
1/1

Luminaire: Ledil CN12716\_LENA-M\_(CITIZEN\_CLU730)  
Lamps: 1 x CITIZEN\_CLU730\_(C12692\_LENA-STD-BASE-CLL040)  
\_783.884lm@250mA\_P=8.5W\_I=0.25A



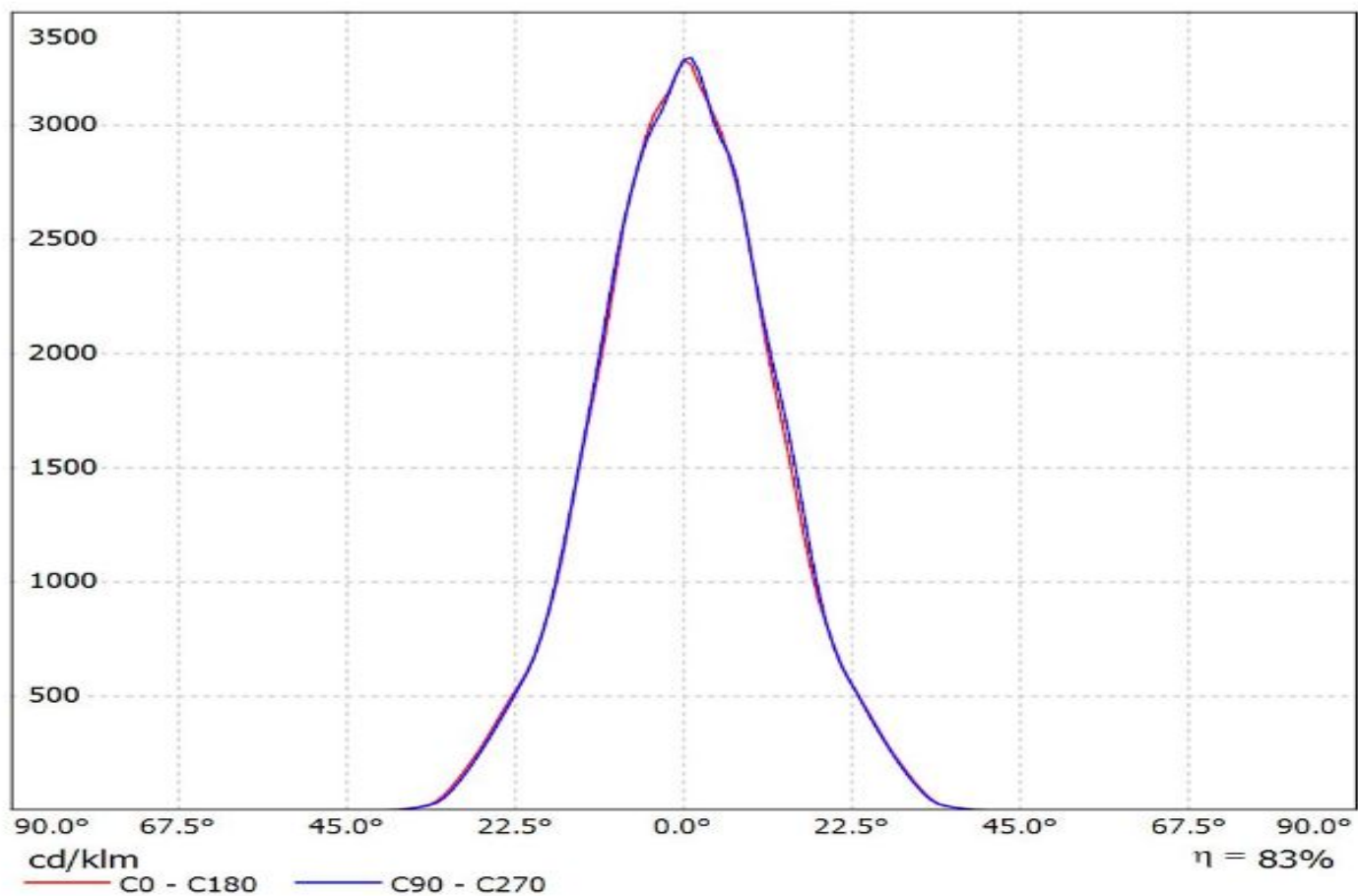
Luminaire: Ledil CN12716\_LENA-M\_(CLU044)

Lamps: 1 x Citizen\_CLU044\_(1212B8-303M1A2)\_1328.41lm@250mA\_P=8.15425W\_I=0.25A

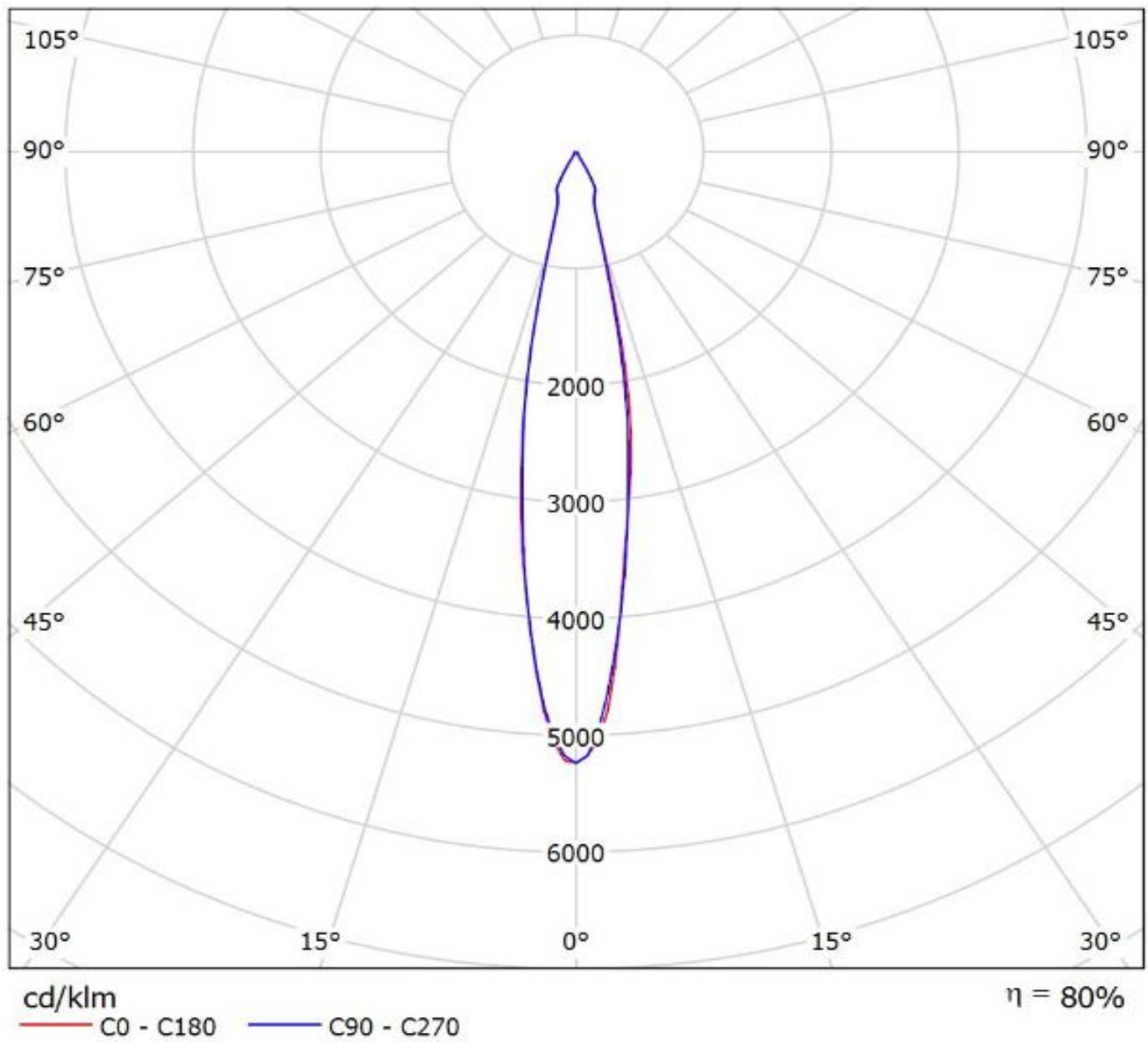


Luminaire: Ledil CN12716\_LENA-M\_(CoB\_1216)

Lamps: 1 x Luxeon\_CoB\_1216\_(L2C2-40801216E2300)\_1399.13lm@250mA\_P=8.0015W\_I=0.25A

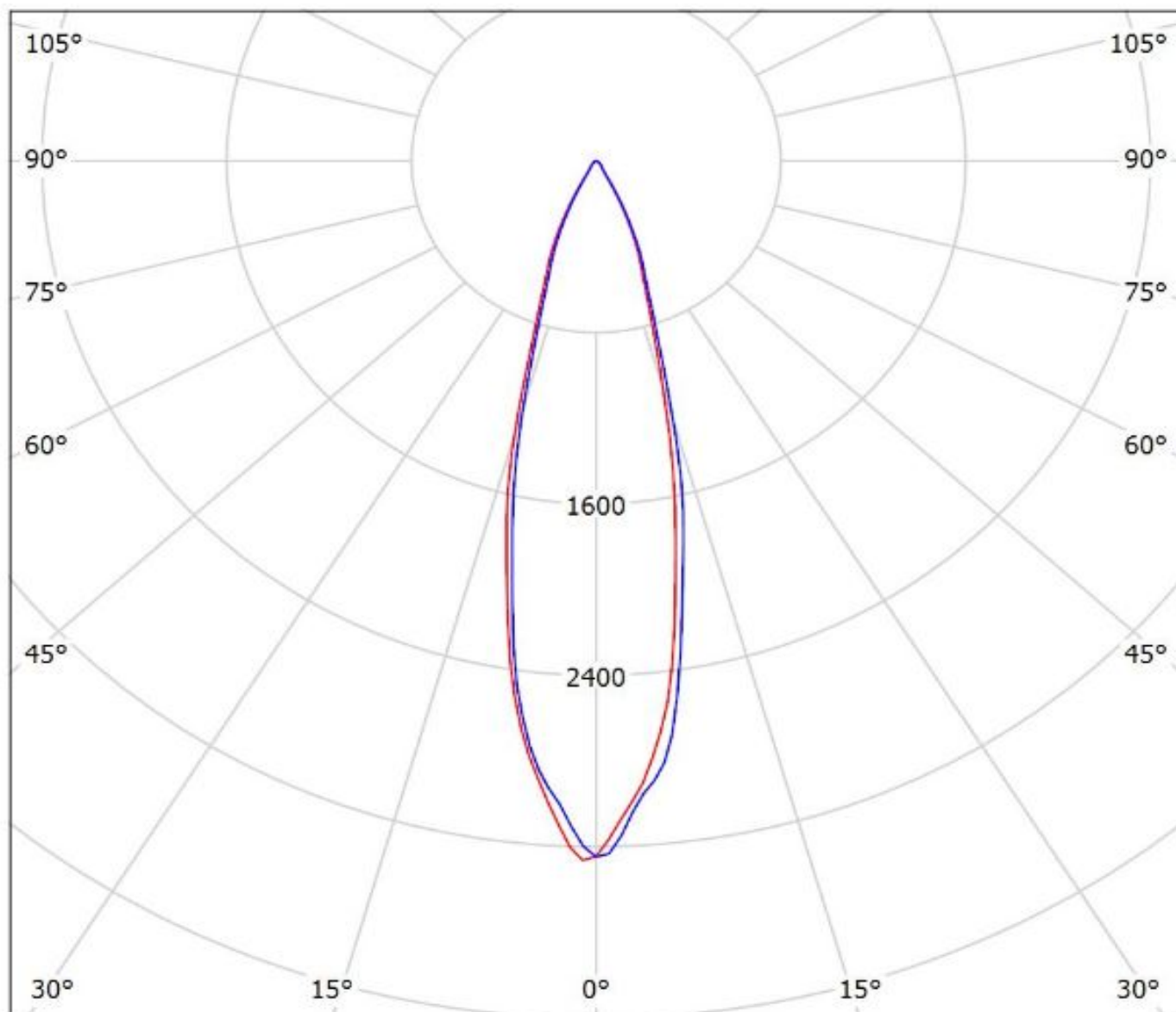


Luminaire: Ledil CN12716\_LENA-M\_(CITIZEN\_CLU730)  
Lamps: 1 x CITIZEN\_CLU730\_(C12692\_LENA-STD-BASE-CLL040)  
\_783.884lm@250mA\_P=8.5W\_I=0.25A



Luminaire: Ledil CN12716\_LENA-M\_(CLU044)

Lamps: 1 x Citizen\_CLU044\_(1212B8-303M1A2)\_1328.41lm@250mA\_P=8.15425W\_I=0.25A



cd/klm

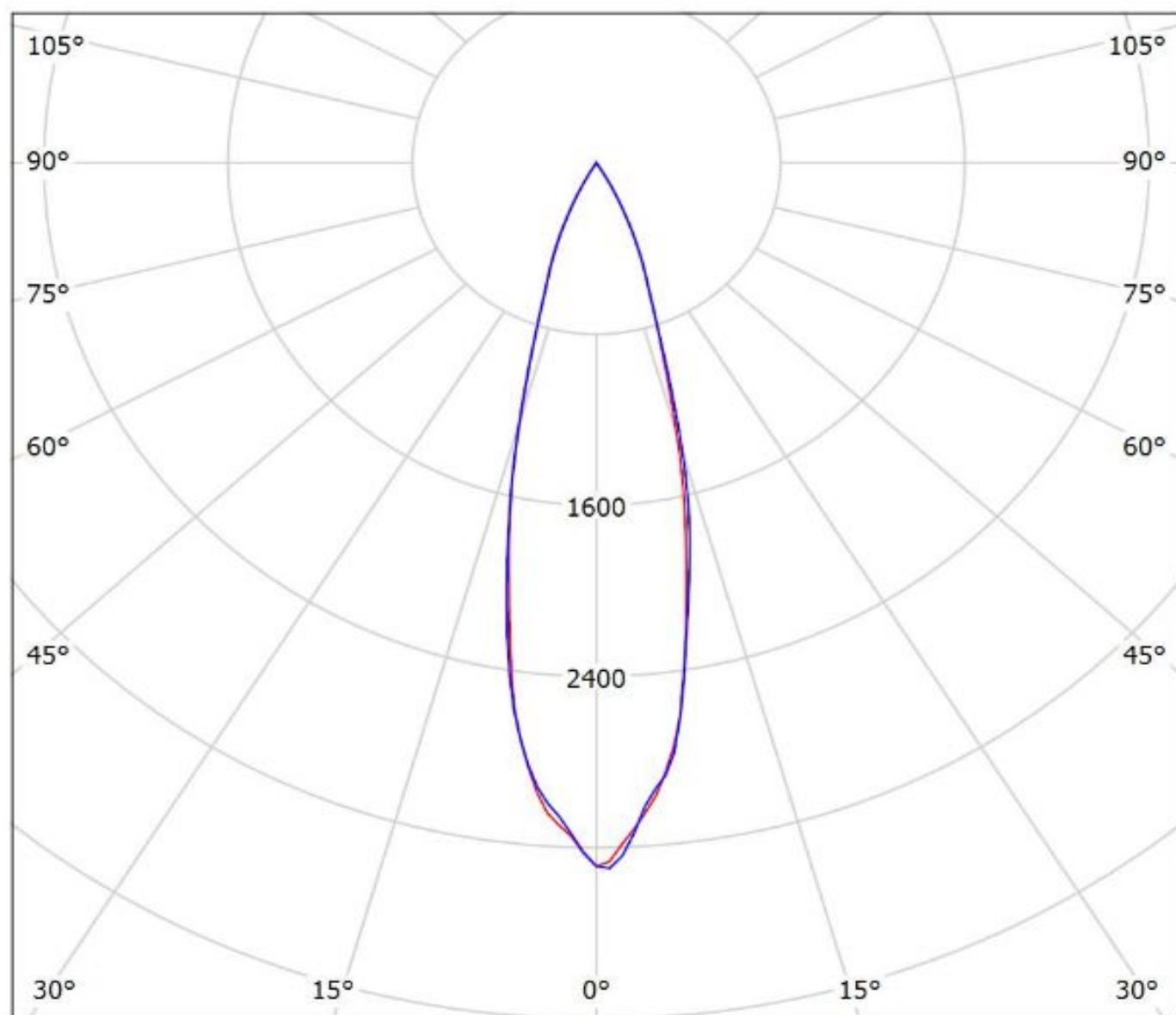
— C0 - C180

— C90 - C270

$\eta = 88\%$

Luminaire: Ledil CN12716\_LENA-M\_(CoB\_1216)

Lamps: 1 x Luxeon\_CoB\_1216\_(L2C2-40801216E2300)\_1399.13lm@250mA\_P=8.0015W\_I=0.25A



cd/klm

— C0 - C180

— C90 - C270

$\eta = 83\%$

**NOTE: The typical divergence will be changed by different color, chip size and chip position tolerance. The typical total divergence is the full angle measured where the luminous intensity is half of the peak value.**

#### **GENERAL INFORMATION**

- Product series especially designed & optimized for series of LEDs.
- Special care taken to make light distribution as uniform as possible.

Note! Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.